

Section XIII. ALL-PURPOSE WEAPONS AND EQUIPMENT CONTAINER SYSTEM (AIRPAC)

The AIRPAC is a lightweight nylon equipment pack system used to enclose a jump load. The AIRPAC front-mount container can accommodate all size packs, M47 tracker, radios, and 60-mm mortar with base plate or bipod. The side-mount container can hold one M47 round of ammunition, the AT4, M4, M24, SAW, M60 machine gun, and other ancillary equipment.

12-58. COMPONENTS

The AIRPAC consists of the front-mount container, the side-mount container, and the parachutist's individual equipment rapid release (PIE/R2) mechanism. (Figures 1-6)

12-59. RIGGING LOADS IN THE FRONT-MOUNT CONTAINER

Loads in the front-mount container are rigged as follows:

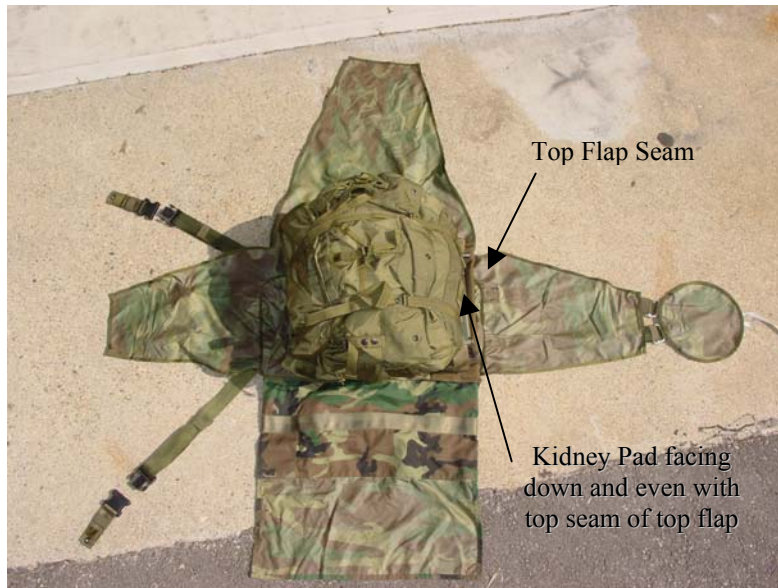
a. **Rigging the ALICE Pack and the Field Pack, Large, Internal Frame (FPLIF).**

- (1) Place the container so that the retaining straps face the ground and the Parachute Recovery Bag (PRB) faces up.



- (2) Fold the parachute recovery bag so that no portions protrude outside the container limits.
- (3) Extend all retaining straps outward to their limits. The retainer strap with the circular closing flap is the top of the container.
- (4) Place ALICE pack or FPLIF on the PRB ensuring the kidney pad does not extend past the top flap seam to prevent binding of the circular release rings.

NOTE: The ALICE pack is jumped with the top of the ALICE pack facing the Jumpers feet with the waist pad against the front of the thighs. The FPLIF is jumped with the bottom of the FPLIF facing the Jumpers feet.



(5) Bring right side of container material up first, then the left side, and the bottom flap, and then the top flap.

(6) Place the circular closing flap on top of the ALICE pack or FPLIF and open the circular closing flap by pulling the tab (exposing cotter pin with lanyard). Bring the left, right, and bottom retaining straps to the center of the circular closing flap and route the white grommet securing loop through each grommet of the retaining straps. (No specific order is required.) Place the cotter pin with lanyard through the white grommet securing loop.



(7) Tighten all retaining straps, ensuring that the circular closing flap remains centered on the ALICE pack or FPLIF. Adjust the protective flaps to cover exposed areas or stow excess fabric. Close the circular closing flap using three hook-pile tabs.

(8) Underhand fold the free-running ends of the retaining straps toward the friction adapters and secure them under the elastic keepers.

CAUTION: The circular release rings located on top (as worn) should be exposed on the top flap of the front-mount container. If the rigged pack is above the rings and restricts the rings' movement, the load must be adjusted.



b. **Rigging the Release Mechanism of the Front-Mount Container.**

(1) Stand the rigged pack in an upright position, with the bottom of the AIRPAC facing the jumper.

(2) Route release handle with cables through the cross strap on top of the container toward the jumper and secure the hook and pile tabs.

(3) With attaching strap snap hook facing down and towards the jumper, (from bottom to top) route the circular ring of the attaching strap through the circular release ring on the top of the container. Fold circular ring of the attaching strap back over and route the red attaching loop through the attaching ring on the attaching strap. With the cable loop retainer on the female portion of the leg strap release assembly facing up, route the red attaching loop from bottom to top through the grommet on the female portion of the leg strap release assembly. Route the release handle cable through the red attaching loop and then through the cable loop retainer. Repeat this sequence for the other strap.



c. **Rigging the HPT Lowering Line.**

- (1) Select the desired landing orientation of the front-mount container (horizontally or vertically) and attach the short bridle to the appropriate triangle link.
- (2) Route the looped end of the HPT lowering line through the unsewn portion of the short bridle and form a girth hitch. Place a retainer band around the nylon tab located inside the lowering line retention pocket. Route the HPT lowering line through the retainer band and stow in the retention pocket. Secure the closing flaps.



Unsewn portion of
short bridle



- (3) For transportation, attach the ejector snap to the primary short bridle “V”-Ring.

12-60. RIGGING LOADS IN THE SIDE-MOUNT CONTAINER

Rigging procedures for the side-mount container are as follows:

- a. Place the side-mount container on the ground with the quick fit adapters facing down and the free-running end of the internal securing strap to the right. Then, position packing material flush with the bottom edge of the container and place the weapon on the container in the following orientation (Table 12-3):

WEAPON	PACKED ORIENTATION	PACKING MATERIAL
M60 MG/SAW	Muzzle up	None required
AT4	Muzzle up	1 piece 6" by 6" honeycomb on bottom
60-mm Mortar	Muzzle down	1 piece 6" by 6" honeycomb on bottom
Dragon	Muzzle down	2 pieces 8" by 8" honeycomb on bottom

Table 12-3. Packed weapon orientation and packing material required for side-mount container.

b. Tape and pad exposed or protruding parts (sight posts, grip stocks, or bipods) with a soft material such as cellulose wadding or an adequate substitute.

c. Center load on the internal securing strap and pull lower fabric flap over packing material. Route free-running end of internal securing strap through the parachute harness adapter on the lower fabric cap. Place floating V-ring of internal securing strap (located on the top fabric cap) on the top center of the load. Form a 5 to 6-inch quick release in the strap and tighten. From the top, fold excess weapons container material downward until flush with the top of the load.



d. Wrap unpadded fabric flap over weapon. Bring padded fabric flap over load and loosely secure container retaining straps to quick fit adapters; form a quick release in the straps. Do not tighten straps.

NOTE: If jumping an individual weapon, place weapon muzzle down in container slide-fastener compartment. Secure the slide fastener. (See Picture Next Page)

e. Tighten the container retaining straps (with quick releases). S-fold excess webbing and secure to the quick-release loop with two turns of a retainer band or masking tape, leaving a 3-inch tail. Secure drawstring on top of container with a quick-release knot, if necessary.



12-61. RIGGING AIRPAC AS TANDEM LOAD WITH HOOK-PILE TAPE LOWERING LINE

The AIRPAC is rigged as a tandem load with HPT lowering line as follows:

- a. If the HPT lowering line is attached to the front-mount container, detach and place to the side. Using the extended bridle, place the looped end through unsewn portion of short bridle and secure with a girth hitch. Route looped end of HPT lowering line through floating V-ring on the extended bridle and form a girth hitch.
- b. Stow the HPT lowering line in the retention pocket. Stow extended bridle excess in the retention pocket, allowing for a 2-foot running end.
- c. After the side-mount container is attached to the jumper, the extended bridle snap hook is attached to the V-ring on the top of the side-mount container.

12-62. AIRPAC ATTACHED TO PARACHUTIST USING PIE/R2 RELEASE MECHANISM

AIRPAC is attached to parachutist using the PIE/R2 release mechanism as follows:

- a. Place the front-mount container attaching straps under the reserve parachute and attach the front-mount container snap hooks to the enlarged D-rings on the outside of the reserve connector snaps (same as a single-point release system).
- b. Attach the HPT lowering line ejector snap to the parachutist harness lowering line adapter web.
- c. Ensure hook and pile on the orange cable release assembly is secured and excess webbing is stowed under the elastic keeper. Ensure cable is routed through the upper webbing channel. The portion with the red attaching loop is the top of the PIE/R2.
- d. Attach the PIE/R2 release mechanism to the side-mount container (located on jumper's left side) by placing the hook portion of the snap shackle with the hook through the quick-release link. The spring-loaded gate should face toward the container.

e. Open the snap shackle with hook, attach to the D-ring on the outside of the attaching strap snap hook from back to front, and close the snap shackle. (Picture Below Left)

f. Take the extended bridle snap hook and attach to floating V-ring on top of the side container.



g. On the PIE/R2 release mechanism, route the upper attaching strap around the back of the side-mount container, through the main lift web, and above the chest strap. With orange release handle facing forward on the side-mount container, route the grommet tab through the looped end of the upper attachment strap, route the red attaching loop through the grommet from back to front, and route cable through red attaching loop. Tighten the upper strap, ensuring that the orange release handle stays on the front portion of the side-mount container.

h. Connect the white release lanyard snap hook to the short bridle attaching V-ring on the top of the front-mount container. Listen for a metallic click and pull to ensure the snap hook is secure. (Picture above right)

i. Attach the leg straps; ensuring the left leg strap is also routed around the side container. Tighten and secure. Stow excess webbing under webbing retainers.

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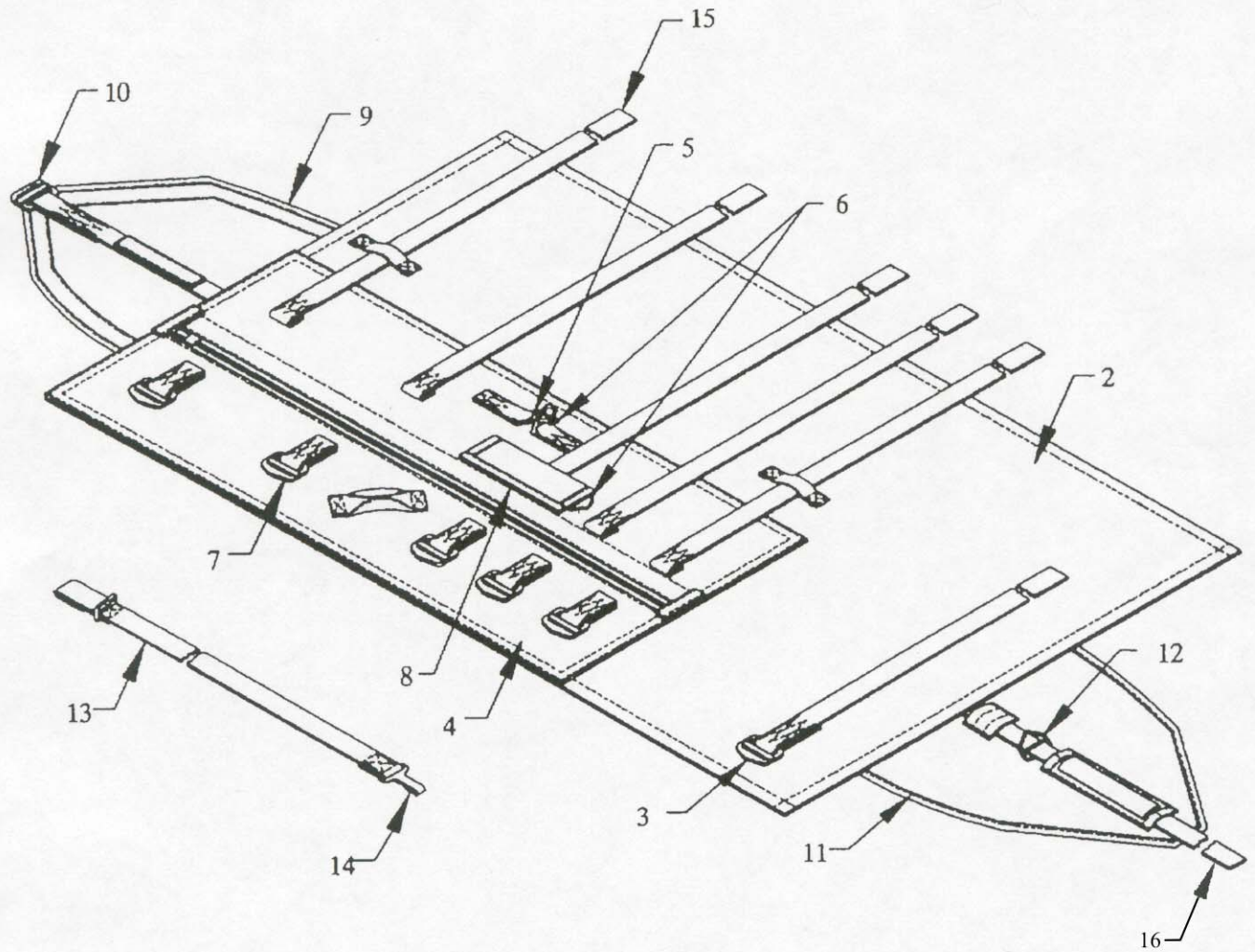


Figure 1. Container, Aerial Delivery, Weapons and Equipment, Adjustable

1. Container, Aerial Delivery, Weapons and Equipment, Adjustable
2. Cover Assembly, Outer
3. Adapter, Reversible, Quick fit
4. Padded Assembly, Outer
5. Link, Snap, Quick Release, 1-3/4 Inches
6. Ring, Parachute Harness "V"
7. Adapter, Reversible, Quick Fit
8. Wrap Assembly, Lowering Line

9. Cap Assembly, Lower
10. Adapter, Parachute Harness
11. Cap assembly, Upper
12. Ring, Parachute Harness "V", Floating
13. Bridle Assembly, Lowering Line
14. Snap Hook, Parachute Harness
15. Securing Strap
16. Securing Strap, Internal

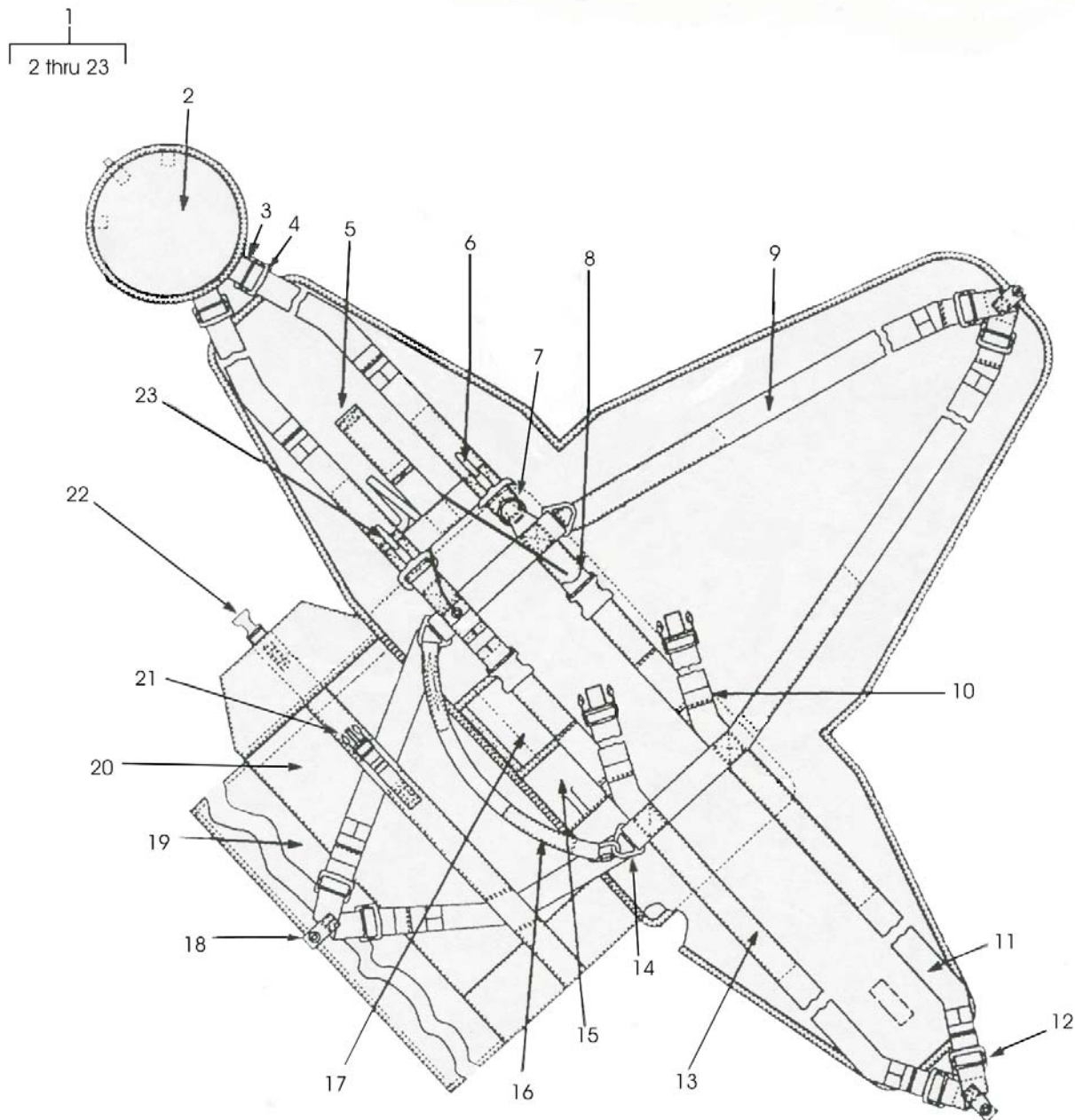


Figure 2. Harness and Body Assembly

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| 1. Harness and Body Assembly | 13. Strap, Reinforcement, 86-Inch |
| 2. Circular Closing, Flap Assembly | 14. Ring, Parachute, Harness "V" |
| 3. Strap, Nylon, Vertical Restraint | 15. Pocket, Lowering Line |
| 4. Adapter, Quick Fit | 16. Bridle |
| 5. Release, Handle | 17. Closing Flap, Lowering Line |
| 6. Strap, Attaching | 18. Tab, Closing |
| 7. Circular, Attaching Ring | 19. Parachute Recovery Bag, Internal |
| 8. Female Portion, Adjustable Leg Strap, Assembly | 20. Container, Side |
| 9. Retainer Assembly, Horizontal | 21. Male Portion, Quick Release Assembly |
| 10. Male Portion, Adjustable, Leg Strap Assembly | 22. Female Portion, Quick Release Assembly |
| 11. Retainer Assembly, Vertical | 23. Strap, Attaching |
| 12. Adapter, Quick Fit | |

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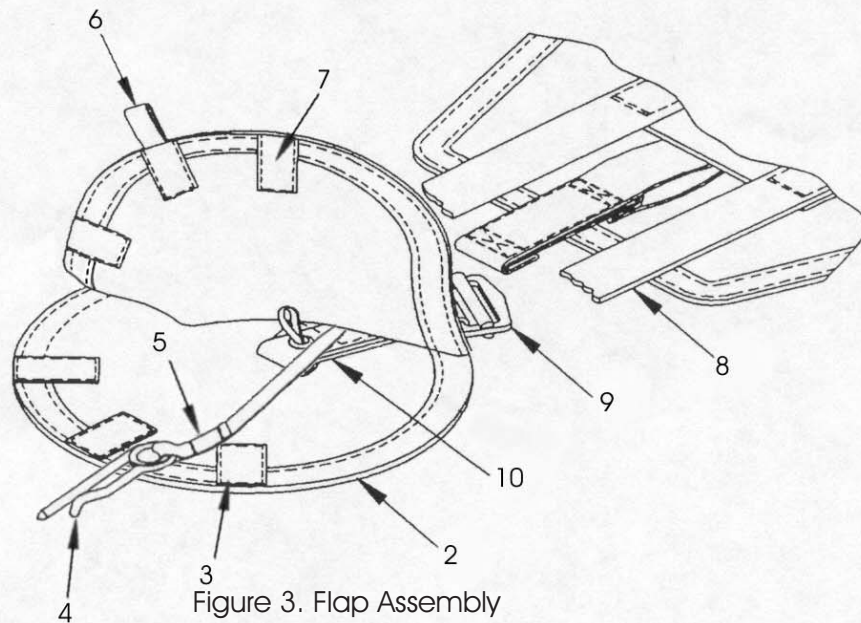


Figure 3. Flap Assembly

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|--------------------------|-------------------------------|-----------------------------|
| 1. Flap Assembly | 5. Strap, Locking Pin | 9. Quick Fit Adapter |
| 2. Closing Flap Assembly | 6. Loop Assembly | 10. Retaining Loop Assembly |
| 3. Hook Tab | 7. Pile Tab | |
| 4. Pin, Locking | 8. Vertical Retainer Assembly | |

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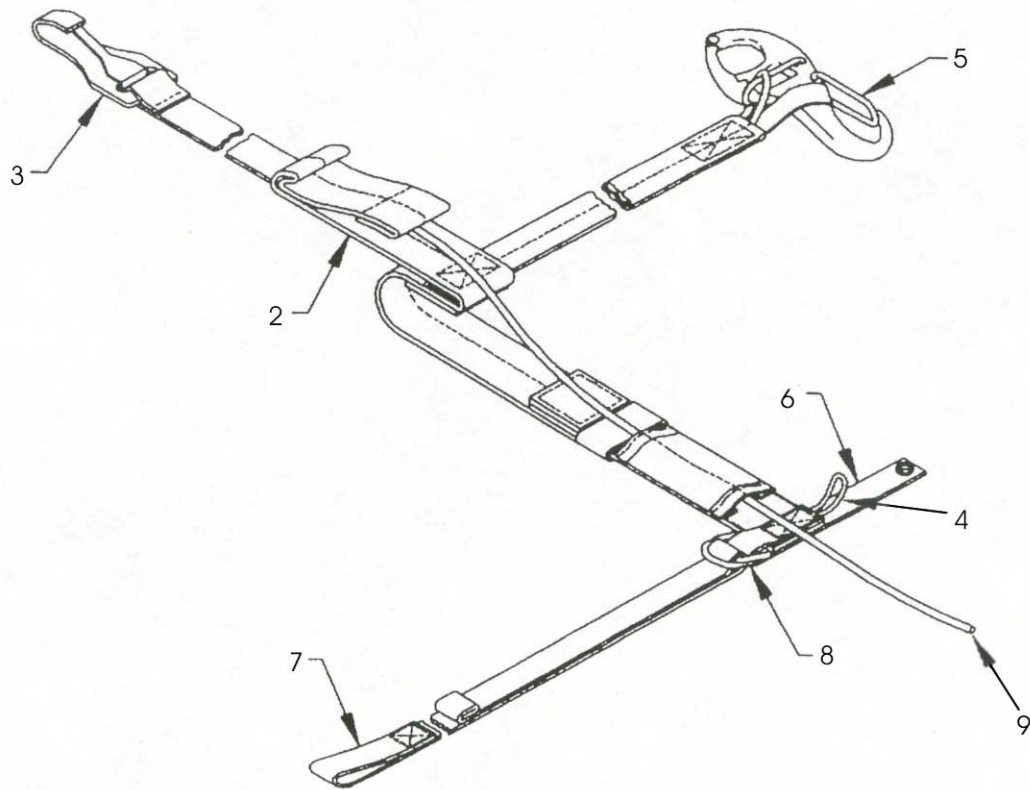


Figure 4. Release Assembly

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|---------------------|-------------------------------|----------------------------|
| 1. Release Assembly | 4. Attaching Loop | 7. Strap, Upper Attachment |
| 2. Release Handle | 5. Shackle, Snap, w/Snap Hook | 8. Ring, D |
| 3. Snap Hook | 6. Grommet Tab | 9. Release Cable |

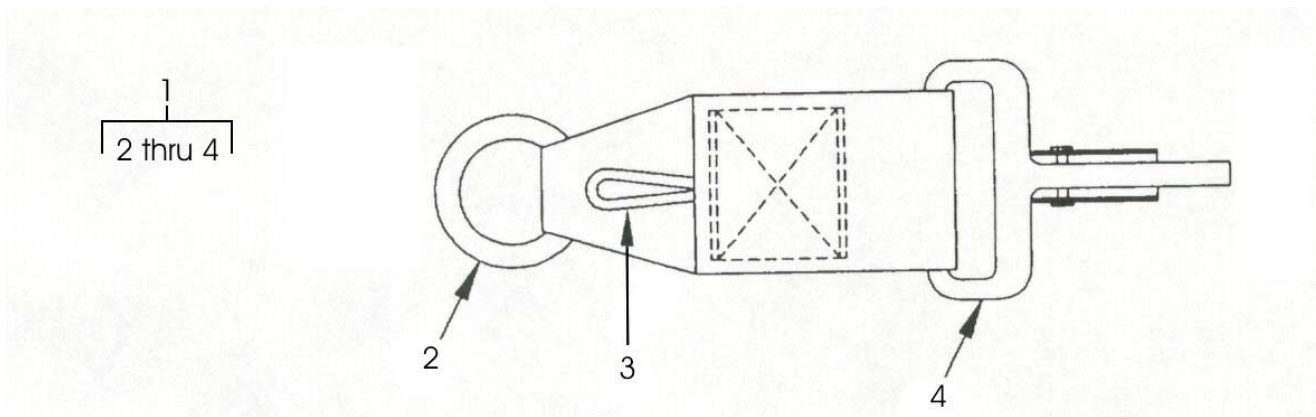


Figure 5. Attaching Strap Assembly

- 1. Attaching Strap Assembly
- 2. Circular Ring

- 3. Attaching Loop
- 4. Snap Hook

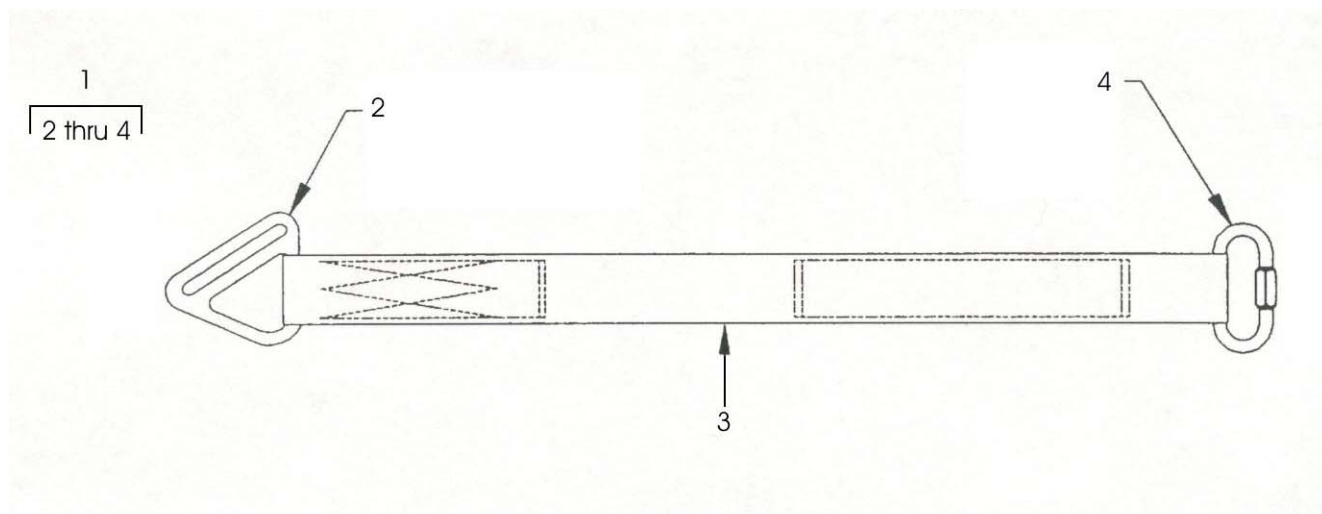


Figure 6. Bridle Assembly

- 1. Bridle Assembly
- 2. Ring, Parachute Harness "V"

- 3. Short Bridle
- 4. Rapid Connector Link 2